

ORLOWSKI, Witold J.; WOJTOWICZ, Stanislaw

The outcome of paralysis of the oculomotor system in the electromyographic picture. Klin. oczna 32 no.4:313-326 '62.

1. Z Oddziału Chorob Oczu w Warszawie. Ordynator: doc. dr med. W.J. Orlowski.

(OCULOMOTOR PARALYSIS)

(ELECTROMYOGRAPHY)

WOJTOWICZ, Stanislaw

Leber's infantile tapetoretinal degeneration. Klin. oczna 32 no.4:
431-436 '62.

1. Z Oddzialu Ocznego w Warszawie. Ordynator: doc. dr med. W.J. Orlowski.
(OPTIC ATROPHY) (RETINA)

WOJTOWICZ, Stanislaw; ORLOWSKI, Witold.J.

The principle of electromyography of the external muscles of
the eye. Pol. tyg. lek. 18 no.47:1775-1779 18 N°63.

1. Z Oddzialu Chorob Oczu w Warszawie; kierownik: doc.dr.
med. Witold J.Orlowski.

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ORLOWSKI, Witold J.; WOJTOWICZ, Stanislaw

Electromyography in clinical ophthalmology. Pol. tyg.lek. 18
48:1789-1794 25 N'63

1. Z Oddzialu Chorob Oczu w Warszawie; ordynator: doc.dr.med.
Witold J.Orlowski).

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ORLOWSKI, Witold J.; WOJTOWICZ, Stanislaw

The problem of the symptoms of internuclear ophthalmoplegia.
Notes on a case examined with electromyography. Klin. oczna
33 no.1:36-48 '63.

1. Z oddziału chorób oczu w Warszawie Ordynator: doc. dr med.
W.J. Orłowski.

(OCULOMOTOR PARALYSIS) (ELECTROMYOGRAPHY)

ORLOWSKI, Witold J.; WOJTOWICZ, Stanislaw

Electromyographic studies in paralysis of the oculomotor nerve. Klin. oczna 33 no.2:147-166 '63.

1. Z Oddziału Chorob Oczu w Warszawie Ordynator: doc. dr med.
W.J. Orłowski.

(OCULOMOTOR PARALYSIS) (ELECTROMYOGRAPHY)

WOJTOWICZ, Stanislaw; KRYCH, Jozef

Marginal degeneration of the cornea in the form of a fissure,
Klin. oczna 33 no.2:183-190 '63.

1. Z Oddzialu Ocznego w Warszawie Ordynator: doc. dr med.
W.J. Orłowski.

(CORNEAL DYSTROPHIES)

WOJTOWICZ, Stanislaw

Effect of retrobulbar injections of novocaine and lignocaine with adrenalin and hyaluronidase for the immobilization of the eye in electromyography. Klin. oczna 34 no. 3:285-296 '64.

1. Z Oddzialu Ocznego w Warszawie (Ordynator: doc. dr med. W.J.Orlowski).

ORLOWSKI, Witold J.; ZAJFEN, Marian; WOJTCWICZ, Stanislaw; RYBA, Jozef

Role of the orbicularis oculi muscle in some atrophic diseases of the skin. Pol. tyg. lek. 19 no.14:499-503 30 Mr '64.

1. Z Oddzialu Chorob Oczu (ordynator: doc. dr. med. W.J. Orłowski)
z Oddzialu Chorob Skory (ordynator: lek. med. M. Zajfen) i z Pod-
oddzialu Chirurgii Szczekowej w Warszawie (kierownik: lek. stom.
J. Ryba).

WOJTOWICZ, Stanislaw; ZALEJSKI, Stanislaw

A contribution to complications after smallpox vaccination.
Klin. oczna 35 no.1:35-41 '65.

1. Z Oddzialu Chorob Oczu WSO w Warszawie (Ordynator: doc.
dr. med. W.J. Orlowski) i z Oddzialu Neurologicznego CSK
Wojkowej Akademii Medycznej w Warszawie (Ordynator: dr. med.
S. Boguslawski).

WOJTOWICZ, Stanislaw

The participation of the oculomotor system of the eye in anomalies of binocular vision in squint. Klin. oczna 35 no.2:275-281 '65.

1. Z Oddzialu Ocznego WSO w Warszawie (Kierownik: doc. dr. med. W.J.Orlowski).

RYMKIEWICZ, Tadeusz; WOJTOWICZ, Stanislaw

Rare electromyographic pictures in cases of peripheral facial paralysis with special reference to the orbicularis oculi. Neurol., neurochir. psychiat. Pol. 15 no.1:115-121 Ja-F'65.

1. Z Oddzialu Neurologicznego Centralnego Szpitala Wojskowej Akademii Medycznej w Lodzi (Ordynator: dr. med. S. Boguslawski) i z Oddzialu Chorob Oczu Wojskowego Szpitala Okregowego (Ordynator: doc. dr. med. W.J. Orlowski).

82710

P/046/60/005/001-2/005/008
A222/A026

21.5200

AUTHOR: Wojtowicz, Stefan

TITLE: Rapid Dual Channel Coincidence System Type III/5-58

PERIODICAL: Nukleonika, 1960, No. 1-2, pp. 87-89.

TEXT: The rapid coincidence system described by the author is a simple symmetrical time discriminator. The task of the system in conjunction with radiation detectors is the selection of radiation of specified direction or range. The system may be used to determine the half-life of rapidly decaying radioactive bodies, the speed of particles etc. Electric pulses from photomultipliers are amplified in chain amplifiers and fed to the control grids 1 and 3 of a beam power pentode 6BN6. Each of the control grids makes possible a sharp cut-off in the plate current and this property was used in the coincidence principle. During coincidence, the electron beam carries the charge flowing from the plate with the time constant RC. The negative pulse of about 1 μ /sec is fed to a cascade repeater and then to a phase inverter. The electric pulse from the phase inverter is fed to an amplitude discriminator using germanium diodes and

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P/046/60/005/001-2/005/008
A222/A026

Rapid Dual Channel Coincidence System Type III/5-58

a secondary emission tube EFP60. The pulse with superimposed amplitude and time base is fed to an output repeater, whence it may be passed on to a converter. Technical data of the apparatus: 2 channels; resolving time $5 \cdot 10^{-9}$ sec; minimum voltage of input pulse 1 v, negative polarization; minimum width of input pulse $5 \cdot 10^{-9}$ sec; amplitude of standardized output signal 10 v, positive polarization; width of output signal 0.34 sec; frequency range of transmission-line amplifiers from 10 kc to 200 mc; amplification of cascade amplifiers 2.2 v/v at a matched plate line; output resistance of the amplifiers 120 ohms; scope of discriminated amplitudes 0.4-0.8 v, positive polarization; minimum width of discriminator input pulse $5 \cdot 10^{-9}$ sec; stability of the discriminator threshold 0.1 v; operates on 220 v \pm 10%, 50 cps; dimensions 230 x 480 x 270 mm; total weight 22 kg. There are: 1 figure and 2 photographs. ✓

ASSOCIATION: Instytut Badań Jądrowych, Zakład Elektroniki Stosowanej,
(Institute of Nuclear Research, Department of Applied
Electronics)

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82711

P/046/60/005/001-2/006/008
A222/A026

9.6000

AUTHOR: Wojtowicz, Stefan

TITLE: Dual Pulse Generator Type III/5-58

PERIODICAL: Nukleonika, 1960, No. 1-2, pp. 90-91.

TEXT: The dual pulse generator briefly described by the author is built for tests and for calibration of rapid coincidence and anticoincidence systems, for measurement of the resolving time in rapid conversion systems and measurement of delays in electronic circuits. The operational principle of the generator is explained by the block diagram in Fig. 1. A self-excited or externally excited thyatron generator yields current pulses, which are formed into rectangular pulses by means of a long line. The pulse formed by the long line controls a thyatron, which generates millimicrosecond pulses. In the starting condition, the latter thyatron is blocked by a large negative voltage. A section of the long line in the thyatron anode circuit is charged to feed voltage through a 10 megohm resistor. Variable-length concentric cables terminated by the wave resistance of the cable are linked to the cathode circuit of the thyatron.

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P/046/60/005/001-2/006/008
A222/A026

Dual Pulse Generator Type III/5-58

Since a positive pulse to the thyatron grid starts ignition, the long line in the anode circuit discharges through the thyatron and the wave resistance of the cables in the cathode circuit. The voltage pulse, which is formed on these resistances, is fed to two separate amplifiers. The amplified pulse is then fed to an amplifier adapted to the wave resistance of the output cable. The concentric cable RK 1 was used for output terminals. Fig. 2 shows a photograph of the front panel of the generator. Technical data of the generator: pulse width $5 \cdot 10^{-9}$, $10 \cdot 10^{-9}$ and $20 \cdot 10^{-9}$ sec, step control; amplitude of the pulses 12 v, continuous control, negative polarization; repeater frequency in steps of 0.7-20 and 35-1,000 cps, continuous control of the ranges; synchronization pulse 0-50 v, continuous control, positive or negative; mutual delay 0-0.1 sec controlled in steps of $2 \cdot 10^{-9}$ sec; operates on 220 v \pm 10%, 50 cps; dimensions 490 x 305 x 310 mm; weight 21 kg. There are 2 figures.

ASSOCIATION: Instytut Badań Jądrowych, Zakład Elektroniki Stosowanej
(Institute of Nuclear Research Department of Applied Electronics)

Card 2/2

HOBLEK, Tadeusz; BYLIŃA, Andrzej; WOJCIWICZ, Waldemar

Hydraulics of the pipe tray. Chemia stosow B 1 no.3:331-345 '64.

1. Institute of Chemical Engineering and Apparatus Design, Gliwice,
of the Polish Academy of Sciences. Submitted September 15, 1963.

CHOBOT, Halina; WOJTOWICZ, Wladyslaw

Diseases in children and the weather. Pol. tyg. lek. 19 no.30:
1143-1145 27 J1'64

1. Z I Kliniki Chorob Dzieciacych Akademii Medycznej w Poznaniu
(kierownik: prof. dr. med. T. Rafinski) i z Instytutu Balneokli-
matycznego w Poznaniu (dyrektor: prof. dr. med. J. Jankowiak).

WOJTOWICZ, Wladyslaw (Poznan)

Activity of winds in Poland. Czasop geograf 34 no.2:129-148 '63.

DYLEWSKA, Dama; DARWAJ, Bohdan; REUTT, Natalia; WOJTOWICZ, Zbigniew.

Results of neurological, electroencephalographic and psychological studies in children delivered by forceps. Neurol. neurochir. psychiat. pol. 13 no.5:607-610 '63

1. Z Kliniki Neurologicznej AM w Lublinie (kierownik: prof. dr. W Stein) i z Katedry Psychologii Wychowawczej UMCS w Lublinie (kierownik: doc.dr. N.Reutt) oraz z Kliniki Położnictwa i Chorob Kobietych AM w Lublinie (kierownik: prof.dr.S.Liebhardt).

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SZCZESNIAK, J.; MARCINIAK, R.; WOJTOWICZ-JASSENKO, B.

A case of congenital right diaphragmatic relaxation.
Pediat.polska 35 no.4:436-438 Ap '60.

1. Z Miejskiego Szpitala Choro6 Dzieci im. J. Korczaka
Wroclaw-Karlowice, Ordynator Oddzialu: dr med. J. Szczesniak.
(DIAPHRAGM abnorm.)

3

POLAND

WARDZYNSKI, Wieslaw; RAULUSZKIEWICZ, Jerzy; WOJTOWICZ-NATANSON,
Barbara; RYZKO, Maria

1. Institute of Experimental Physics, University of Warsaw
(for ?) 2; Institute of Physics, Polish Academy of
Sciences (Instytut Fizyki Polskiej Akademii Nauk) -
(for ?)

Warsaw, Przegląd elektroniki, No 4, April 1966, pp 191-200

"The investigation of absorption, recombinational light
and photoconductivity of CdSe."

L 37136-66 EMP(t)/ETX IJP(*) RDN/JD

ACC NR: AP5024759

SOURCE CODE: GE/0030/65/011/002/0873/0876

AUTHOR: Wojtowicz-Natanson, B.; Zakrzewski, T.

ORG: Institute of Experimental Physics, University of Warsaw; Low Temperature Laboratory, Institute of Physics, Polish Academy of Sciences, Wroclaw

TITLE: Temperature dependence of the spectrum of photoluminescence in CdSe crystals

SOURCE: Physica status solidi, v. 11, no. 2, 1965, 873-876

TOPIC TAGS: photoluminescence, exciton, semiconductor carrier, cadmium selenide, monochromator, photomultiplier tube, light polarization, TEMPERATURE DEPENDENCE, SPECTRAL DISTRIBUTION

ABSTRACT: The temperature dependence of spectral distribution and total intensity due to exciton recombination in CdSe crystals is investigated. The two absorption maxima are at 0.71 μ and 0.65 μ . The latter band is studied since it is considered that the recombination of excitons bound to ionized acceptor centers leads to the emission of this band. The luminescence of single CdSe crystals, excited by short wave radiation from a high pressure mercury lamp, was analyzed with a glass prism monochromator. A photomultiplier tube served as a detector. The spectral resolution was 0.005 ev. Measurements were carried out in the 300-4.2°K temperature range. Two curves were obtained for the two polarizations of the emitted light. The separation of the curves is 0.024 ev, which, within the margin of experimental error, agrees with the value of

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ACC NR: AP5024759

the energy interval of the two upper valence bands due to the crystal field splitting. Fig. 1 shows the logarithm of intensity S plotted against the inverse of temperature. The slope of the initial rectilinear part is the same for all the CdSe crystals studied but the value of T where the knee-point appears varies for different crystals, indicating that the number of exciton complexes increases with decreasing temperature until saturation occurs. Since the value of the activation energy of the luminescence center equals the sum of the dissociation energy ($E = 0.015$) of the exciton, acceptors probably do not capture excitons in a single act to form complexes, but rather hole and electron are bound successively to an acceptor. The authors express their thanks to Dr. W. Wardzynski for his interest in this work, stimulating discussions and advice; to Professor L. Sosnowski for his kind permission to perform this work in his laboratory; and to Dr. I. Filinski and Dr. W. Gariat for their valuable suggestions. Orig. art. has: 3 figures.

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L 37136-66

ACC NR: AP5024759

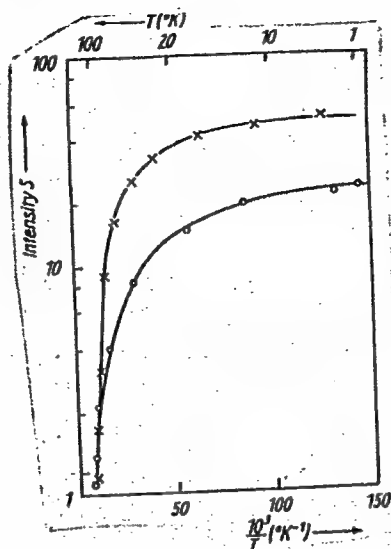


Fig. 1. The temperature dependence of the total energy emitted within the "0.68 μm " band.

SUB CODE: 20/ SUEM DATE: 27Jul65/ ORIG REF: 000/ OTH REF: 006

Card 3/3 af

WOJTOWICZOWA, M.; PIJANOWSKI, E.

Further studies on the lipoxidative action of cows' milk globulins. Bul Ac Pol Biol 9 no.11:453-457 '61.

1. Department of Agricultural Industries, Central College of Agriculture, Warsaw. Presented by E.Pijanowski.

WOJTOWIECKI, J.

"Experience acquired in the operation of high-tension circuit breakers." p. 473.
(Przegląd Elektrotechniczny, Vol. 29, no. 11/12, Dec 53, Warszawa)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncl

TUCHOLKA, Zbyszek; WONTOWSKA, Regina

Action of various forms of magnesium fertilizers. Prace nauk
roln i leśn 19 no.1:205-221. '65.

1. Department of Agricultural Chemistry of the School of
Agriculture, Poznan.

WOJTOWSKA, Regina

Effect of potassium fertilizers on the content and composition
of nitrogen compounds in corn. Prace nauk roln i leśn 19 no.1:
223-246 '65.

1. Department of Agricultural Chemistry of the School of Agriculture,
Poznan.

TUCHOLKA, Zbyszko; CZEKALSKI, Alfred; WOJTOWSKA, Regina

Influence of organic manuring on the solubility changes of
boron and manganese in the soil and their absorption by plants.
Prace nauk roln i leśn 14 no. 4:385-422 '63.[publ. '64]

WOJTOWSKA, Regina

Influence of nitrogen fertilization on the content and composition of nitrogen compounds in corn. Prace nauk roln i lesn 14 no. 4:423-466 '63 [publ. '64]

WOJTOWSKI, R.
SURNAME, Given Names

Country: Poland

Academic Degrees: [not given]

[Presumed] Ludwik Hirszfild Institute of Immunology and Experi-
Affiliation: mental Therapy (Instytut Immunologii i Terapii Doswiadczalnej
im. Ludwika Hirszfelda), Polish Academy of Sciences (PAN---Polsk.
Akademia Nauk), Wroclaw; Director: Prof. Stefan SLOPEK, Dr.

Source: Warsaw, Postepy Higieny i Medycyny Doswiadczalnej, Vol XV, No 4,
Data: 1961, pp 397-399.

Data: "On the Isomerization of the 5-Allyl-5-(β -Hydroxypropyl)-Barbituric
Acid."

English abstract of article, originally published in Bull L'Acad
Polon Sci Serie des Sciences Chimiques, 1960, 8, 475.

Authors:
BOBRANSKI, B.
PRELICZ, D.
SYPER, L.
WOJTOWSKI, R.

SPD 981643

WOJTKOWSKI, R.
SURNAME, Given Names

Country: Poland

Academic Degrees: [not given]

Affiliation:

Source: Warsaw, Postępy Higieny i Medycyny Doswiadczałnej, Vol XV, No 4,
1961, pp. 399-402.

Data: "The Hydration Products of Phenyl-Diallyl-Acetamide."

English Abstract of article originally published in Bull L'Acad Polon
Sci., Serie des Sci chim, 1959, 7, 399. b) Dissertationes Pharmaceu-
ticae, 1960, 12, 11.

Authors:

BOBRANSKI, B. [Presumed] Ludwik Hirszfild Institute of Immunology and
Experimental Therapy (Instytut Immunologii i Terapii Doswiadczałnej
im. Ludwika Hirszfelda), Polish Academy of Sciences (PAN--Polska
Akademia Nauk), Wrocław; Director: Prof. Stefan SLOPEK, Dr.
WOJTKOWSKI, R.

670 981643

WOJTKOWSKI, R.

3

SURNAME, Given Names

Country: Poland

Academic Degrees: [not given]

Affiliation:

Source: Warsaw, Postepy Higieny i Medycyny Doswiadczalnej, Vol XV, No 4, 1961, pp. 402-404.

Data: "The Hydration Products of Diallyl-Homophtalimide."

English abstract of article, originally published in Bull L'Acad Polon Sci., Serie des sci chim, 1960, 8, 105. b) Dissertationes Pharmaceuticae, 1960, 12, 19.

Authors:

BOBRANSKI, B. [Presumed] Ludwik Hirszfild Institute of Immunology and Experimental Therapy (Instytut Immunologii i Terapii Doswiadczalnej im. Ludwika Hirszfelda), Polish Academy of Sciences (PAN--Polska Akademia Nauk), Wroclaw; Director: Prof. Stefan SLOPEK, Dr. WOJTKOWSKI, R.

670 96163

WOJTOWSKI, R.

Condensation of γ -butyrolactone with aldehydes. Wlad chem
15 no.11:729 N '61.

WOJTOWICZ, Ryszard

Use of aluminum in modern construction. Przegl budowl 1
bud mieszk 33 no.6:353-355 Je'61

WOJTOWSKI, R.

New method of obtaining aromatic amines. Wiad chem 16 no. 4:266
Ap 62.

27.3500

44465
P/016/62/000/011/004/006
D204/D307

AUTHOR: Wojtowski, Ryszard, Kazimierz
TITLE: Synthesis of the derivatives of phenyl-
diallylacetamide (A) and α - phenyl-2-
allyl- γ - valerolactone (B)
PERIODICAL: Wiadomości Chemiczne, no.11, 1962, 691-695

TEXT: The present article is the author's abstract of a doctoral thesis; the work was carried out under the supervision of Professor Doctor Bogusław Bobrański and was submitted for examination to Professor Doctor Jan Świderski and Professor Doctor Leonard Kuczyński. The aim of this research was to discover whether the sought classes of compounds possessed pharmacological characteristics and to determine their nature. The amides were synthesized from p-aminophenyldiallylacetoneitrile (I). Thus treatment of I with KOH gave the corresponding amide (II), which was then converted to the acid (III), while exhaustive

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P/016/62/000/011/004/006

Synthesis of the derivatives ...

D204/D307

methylation of I gave rise to quaternary ammonium salts, which on heating with alkalis were converted to *p*-dimethylaminophenyl-diallylacetamide (V). Diazotation of I with HNO_2 followed by (a) heating of the diazonium salt, and (b) Sandmeyer reaction, gave (a) *p*-hydroxyphenyldiallylacetoneitrile (IV) and (b) *p*-cyanphenyldiallylacetoneitrile (XII). Compounds VI and XII were subjected to alkaline hydrolysis and some were then converted to ethers and esters. To prepare the starting derivatives of B, compounds $\text{p-R.C}_6\text{H}_4\text{-C(allyl)}_2\text{-CONH}_2$ were treated with H_3PO_4 , to give α - allyl- α - (*p*-R- C_6H_4)- γ - valerolactones, where

R = $-\text{N(CH}_3)_2$ (XIX), $-\text{OCH}_3$ (XX), and $-\text{OCH}_2\text{CH}_2\text{N(CH}_3)_2$ (XXI).

On treating α - allyl- α -(β - hydroxypropyl) homophthalimide with hot dilute NaOH, and subsequent acidification (to induce the internal esterification of one -COOH group), the author obtained α - allyl- α -(*p*-carboxyphenyl)- γ - valerolactone (XXIII), which was then esterified to methyl (XXIV), ethyl (XXV), and diethylaminoethyl (XXVI) esters. Initial studies showed that the

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Synthesis of the derivatives ...

P/016/62/000/011/004/006
D204/D307

derivatives of A were considerably less toxic than A itself, exerting a depressing action on the nervous system in small, and a stimulating action in greater doses. Further work is in progress.

ASSOCIATION:

Polska Akademia Nauk, Zakład Syntezy Środków
Leczniczych Instytutu Immunologii i Terapii
Doświadczalnej im. Ludwika. Hirszfelda we
Wrocławiu (Polish Academy of Sciences,
Pharmaceutical Synthesis Establishment of
the Institute of Immunology and Experimental
Therapy im. Ludwik Hirszfeld, Wrocław)

WOJTOWSKI, R.

Etheric solution of hydrogen peroxide and boron-3-fluoride
complex as a new oxidizing agent. Wiad chem 17 no. 4:
255-256 Ap '63.

BOBRANSKI, Boguslaw; PRELICZ, Danuta; SYPER, Ludwik; WOJTOWSKI, Ryszard

On the isomerization of 5-allyl-5-(β -hydroxypropyl)-barbituric acid. Roczniki chemii 37 no. 7/8:795-803 '63.

1. Department of Pharmaceutical Chemistry, School of Medicine, Wroclaw; Department of Drug Synthesis, The Hirszfeld Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw.

WOJTOWSKI, R.

Biologic synthesis of active digitoxigenin, Wlad chem 18
no.5:313-314 My '64

WOJTOWSKI, Ryszard

Degradation of 5-allyl-5-(2'-hydroxypropyl) barbituric acid.
Arch. immun. ther. exp. 13 no.1:127-132 '65

1. Department of Drug Synthesis, Institute of Immunology and
Experimental Therapy, Polish Academy of Sciences, Wrocław.

WOJTYLA, Wilhelm, mgr inż.

Tasks of the measurement agency and technical progress.
Pomiary 9 no.1:1-2 Ja '63.

1. Prezes Glownego Urzedu Miar, Warszawa.

WOJTUSIAK, H.; WOJTUSIAK, R.J.

Biology, distribution and economic value of the water-moths from the subfamily Hydrocampinae in the experimental ponds of the Polish Academy of Sciences in Ochaby. Polskie arch hydrobiol 8: 253-260 '61.

1. Zaklad Biologii Wod, Polska Akademia Nauk, Krakow i Zaklad Psychologii i Etologii Zwierzat, Uniwersytet Jagiellonski, Krakow.

1ST AND 3RD COLUMNS																		2ND AND 4TH COLUMNS																	
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<p>Wojtusik, R.J.</p> <p style="text-align: right;"><i>a-1</i></p> <p style="text-align: center;">Orientation and flight of birds. IV. R. J. WOJTUSIK and B. Fumero (Bull. Acad. Polonaise, 1965, II, 173-204).--The speed of flight of <i>Hirundo rustica</i>, L., reaches its maximum only at distances less than 150 km.; it decreases considerably at greater distances. The orientation in space of swallows returning to their nest from great distances does not depend on optical impressions; they are important only in a familiar landscape. Birds have a special "sense of orientation."</p> <p style="text-align: right;">A.B.</p>																																			
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WOJTUSIAK, R.

Adolf Portmann's Animals as Social Creatures; a book review. p. 638
(KOSMOS. SERIA A: BIOLOGIA. Vol. 5, no. 6, 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9 Sept. 1957 Uncl.

WOJTUSIAK, R.; MAJLERT, Z.

Observations on the behavior of animals during the total eclipse of the sun on June 30, 1954. p. 331.

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

WOJTUSIAK, R.

SCIENCE

Periodical: KOSMOS. SERIA A: BIOLOGIA. Vol. 7, no. 3, 1958.

WOJTUSIAK, R. Charles Darwin's Jubilee Year, 1958-1959; opinions concerning the contest for the best study on evolution. p. 263.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 3, May 1959
Unclass.

EXCERPTA MEDICA Sec 17 Vol 5/2 Public Health Feb 59

619. A NEW PRACTICAL METHOD OF MARKING INSECTS - Wojtusiak
R. J. Dept. of Zoopsychol. and Ethol., Jagellonian Univ., Kraków - FOLIA
BIOL. (Krakow) 1958, 6/1 (71-78) Illus. 3

The author describes a new practical method of marking butterflies, dragon-flies, grasshoppers, moths and other insects. It consists in sticking marks of tin foil or thin tissue paper of different colours, sizes, and weights, on the upper or lower side of the wings, bearing the current number of the specimen and the address of the marking institution. The marks are stuck with waterproof glue made of cellulose dissolved in amylum acetate. The marks are well preserved, visible and quite easily read on the wings for several weeks. The author hopes that this method 'will be universally accepted, much like the method of banding birds and bats'. Marking insects facilitate more accurate research into the problems of attachment to territory migration, length of life, etc. Saliternik - Jerusalem

WOJTUSIAK, H.; WOJTUSIAK, R.J.

Biology, distribution and economic value of the water-moths from the subfamily Hydrocampinae in the experimental ponds of the Polish Academy of Sciences in Ochaby. Polskie arch hydrobiol 8: 253-260 '61.

1. Zaklad Biologii Wod, Polska Akademia Nauk, Krakow i Zaklad Psychologii i Etologii Zwierzat, Uniwersytet Jagiellonski, Krakow.

MAJLERT, Zofia; WOJTUSIAK, Roman J., prof dr

Activity of *Formica rufa* L. ants during the partial solar eclipse of
October 2, 1959. Prace zool no.6:95-120 '62.

1. Institute of Animal Psychology and Etology, Jagiellonian University,
Karkow. Head: prof. R.J. Wojtusiak.

WOJTUSIAK, Roman J.

"Intrinsic barriers to dispersal in checkerspot butterfly" by
Paul R. Ehrlich. Reviewed by Roman J. Wojtusiak. Kosmos biol
11 no.3:319-321 '62.

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Sensibility to light of the parietal eye of the American lizard *Anolis carolinensis*. *Kosmos biol* 11 no.6:619-621 '62.

WOJTUSIAK, Roman, J. (Krakow)

Artificial satellites for research on animal migrations.

Wszechswiat no.12: 280-282 D'63.

WOJTUSIAK, Roman J.

"The great migrations of sea birds until recently unknown" by J. Dorst.
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"Recent results of sound research in fish" by Hans Schneider.
Reviewed by Roman J. Wojtusiak. Kosmos biol 12 no.2:171-176
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"Photokinetic function of aphid antennae" by C.O.Booth. Reviewed by Roman J. Wojtusiak. Kosmos biol 13 no.1:73-75 '64

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TOMASSI, Witold; WOJTOWICZ, Jan

Studies on the application of an activated carbon anode in the electrolysis of sodium chloride solutions. I. The potential of the powder anode during the electrolysis. *Przem. chem.* 40 no.10:556-560. 0 '61.

1. Katedra Chemii Fizycznej, Politechnika, Warszawa.

KLEVENHAGEN, Stanislaw; WOJTOWICZ, Jerzy

How to decrease radiation doses during radiological examination
of the thoracic cage. Gruzlica 29 no.7:651-661 JI '61.

1. Z Zakladu Radiologii Lekarskiej AM w Poznaniu Kierownik: doc. dr
med. B. Gladysz.

(THORAX radiog) (RADIATION PROTECTION)

WOJTOWICZ, Mieczyslaw

Surgical therapy of 2 cases of umbilical endometriosis. Polski tygod.
lek. 16 no.16 16 Ap '61.

1. Z II Kliniki Chirurgicznej A.M. w Poznaniu; kierownik: prof.
dr. Roman Drews.

(ENDOMETRIOSIS surg) (UMBILICUS neopl)

BOBRANSKI, B.; WOJTOWSKI, R.

On the hydration products of diallyl-homophtalimide. *Bul chim PAN* 8
no.3:105-107 '60. (EEAI 10:9/10)

1. Laboratory of Drug Synthesis, Hirszfeld Institute of Immunology
and Experimental Therapy, Wroclaw, Polish Academy of Sciences.
Presented by T. Urbanski.

(Hydration) (Homophtalimed) (Hexadiene)

BOBRANSKI, B.; PRELICZ, D.; SYPER, L.; WOJTOWSKI, R.

On the isomerisation of 5-allyl-5-(β -hydroxypropyl) barbituric acid. Bul chim PAN 8 no.9:475-479 '60.

1. Department of Pharmaceutical Chemistry, School of Medicine, Wroclaw.

(Isomerism)	(Allyl group)	(Hydroxy group)
(Propyl)	(Barbituric acid)	

WOJTYGA, A.

"Instruction of drivers." p. 46
(Motoryzacja, Vol 8 No 2 Feb 53 Warszawa)

SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Und

WOJTYGA, A.

"The social duty of salvaging scrap iron." p. 69
(Motoryzacja, Vol 8 No 3 Mar 53 Warszawa)

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WOJTYGA, A.

"A wagon; an exhibition of publications on communication" (P. 265). MOTORYZACJA
(Ministerstwo Transportu Drogowego i Lotniczego) Warszawa, Vol. 8, No. 9, Sept 1953.

SO: East European Accessions List, Vol 3, No. 8, Aug 1954.

WOJTYGA, A.

(MOTORYZACJA, Vol. 8, No. 12, Dec. 1953, Warszawa, Poland)
"Idling of the engine and the economy of fuel." p. 345

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

WOJTYGA, A.

Books on automobiles in 1955, p. 22. (MOTORYZACJA, Warszawa, Vol. 10, no. 1, Jan. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955,
Uncl.

WOJTYGA, A.

Plans for publications on communications, P. 251
MOTORYZACJA (Ministerstwo Transportu Drogowego i Lotniczego)
Warszawa Vol. 10, no. 8, August 1955

SOURCE: EEAL LC Vol. 5, no. 7, July 1956

WOJTYGA, KAROL
POLAND/Chemical Technology. Chemical Products and their Application. J-12
Glass. Ceramics. Building Materials.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27666 P.

Author : Karol Wojtyga.

Inst :

Title : Method of Production of Stable Vitreous Coating on Wall or
Furnace Surface Without Using Separate Shapes with Vitreous
Surface.

Orig Pub: Polish patent 37801 of June 2, 1955.

Abstract: The method of producing a stable vitreous coating on the surface of
walls and furnaces differs from other methods by the following: a
vitreous layer prepared by melting a transparent or colored glass
rod with a burner is applied to the prepared sufficiently hard
foundation by spraying in the same way as it is done for metalli-
zation. In order to obtain a quite smooth surface, the applied
layer should be heated with a burner once more.

Card : 1/1

-52-

WOJTYLA, W.

The tasks of the offices of weights and measures in the socialist national economy.
p. 125.

POMIARY, AUTOMATYKA, KONTROLA. Warszawa, Poland. Vol. 5, no. 2, Feb. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 8, Aug. 1959.
Uncl.

WOJTYLAK, A.

Met. Abstracts

19

*Metal flow, elongation, and spread during rolling of regular sections. Z. Wusatowski and A. Wojtylak (*Prace Górnictwa i Hutnictwa*, 1951, 2, (1), 23-46).—[In Polish]. Equations for the detn. of metal flow during rolling of regular sections, derived by various investigators, are critically examined. Metal flow during rolling of regular sections, such as equal angles, tees, channels, and double-tees, was calculated with the use of Wusatowski's formulae for the coeff. of elongation and spread and Lend's formula for the coeff. of mean elongation of the total cross-section, these formulae having been found to be in closest agreement with the experimental data presented. By redesigning rolls and grooves to give area reduction approaching the theoretical value for a single rolling pass, roll wear is reduced, rolling mill output is raised, and less power is consumed. Calculations are facilitated by a nomogram and a specially devised slide-rule. 19 ref.—A. G.

Wojtylak A.

W 1953

A. Process

metal metallurgy

✓ Analysis of metal flow in irregular and asymetric sections. 2.
Wusatowski and A. Wojtylak (*Prace Inst. Metal.*, 1952, 4, 99—
108).—Roll pass designs are computed for a light and heavy
standard gauge rail, for a tram rail, and for a tie plate. The designs
are compared with data taken from sections produced in steel
mills, the total error in the mean coeff. of elongation is $\sim 1-3\%$.
Corrections based on these calculations introduced in the mills
led to reduction in the number of defective pieces produced and
increased the life of the equipment. S. K. Lachowicz.

WOJTYLAK, A.

Polish Technical Abstracts
No. 4, 1953
Metallurgy

6 met

2088 621.771.28 : 620.178.6
Wusatowski Z., Wojtylak A. Analysis of Metal Flow in Irregular and Asymmetric Sections.
„Analiza płynięcia metalu w kształtownikach nieregularnych i niesymetrycznych". (Prace Inst. Metalurgii No. 2), Katowice, 1932, PWT, 10.5 pp., 7 figs., 3 tabs.
In order to develop a method of controlling the suitability of the roll pass design for irregular and asymmetric sections, the authors examined Lendl's formula of coefficient of mean elongation of a total cross-section containing various elements, and the Wusatowski's formula of the coefficient of free elongation and spread. Checking calculations were made for light and heavy standard gauge rails, for a tramway rail and for a tie plate. The calculations given indicate that the method used for analysis of the metal flow applied for regular sections, is suitable also for irregular and asymmetric sections. Errors of calculation in relation to real values are found, to be within the limits of a few percent.

WOJTYNA, Marian, inż.

Designing and technological problems of high-capacity pumps.
Przegl. mech 22 no.14:442-444 25 J1 '63.

1. Swidnicka Fabryka Urzadzen Przemyslowych, Swidnica.

WYGODZKA-LIPSKA, Jadwiga; WOJTYNIAK, Barbara; WOJACZYNSKA-SZADOWSKA, Anna

Chondroangiopathia calcarea seu punctata. Report of a case. Pol. przegl. radiol. 26 no.1:1-8 '62.

1. Z Zakladu Radiologii AM w Lodzi Kierownik: vacat i z Zakladu Anatomii Patologicznej AM w Lodzi Kierownik: prof. dr med. A. Pruszczyński.

(CARTILAGE dis) (INFANT PREMATURE dis)

WOJTYNIAK, J.

For better distribution of footwear.

p. 114

Vol. 10, no. 5, May 1955

PRZEGLAD SKORZANY

Lodz

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2
Feb. 1956

WOJTYNIAK, J.

WOJTYNIAK, J. The problem of marketing. p. 160.

Vol. 11, no. 7, July 1956.

PRZEGLAD SKORZANY
PHILOSOPHY & RELIGION
Warszawa, Poland

SO: East European Accession, Vol. 6, No. 3, March 1957

WISNIEWSKI, Wladyslaw; JABLONSKI, Stefan; WOJTYRA, Jadwiga .

Camphor and ethanol determination of ethanolic camphor solutions
by means of a refractometric method. Acta pol. pharm. 19 no.4:
325-332 '62.

1. Z Zakladu Farmacji Stosowanej Akademii Medycznej w Warszawie Kierownik:
prof. dr W. Wisniewski.

(CAMPHOR) (ALCOHOL, ETHYL) (CHEMISTRY, PHARMACEUTICAL)

1ST AND 2ND ORDER		PROCESSING AND PROPERTY INDEX		3RD AND 4TH ORDER	
Wojtylak, A.				15	
<p>Influence of fertilizer on the chemical composition of yellow lupine. Antoni Wojtylak... <i>Polish Agr. Forest Ann.</i> 34, 171-203 (1967). K and N and Ca, N, P and K fertilizers increased the yields of yellow lupine while fertilizers contg. P and N and P, K and N lowered the yields. Plants grown on fertilized plots showed enrichment in N, fleshy material and ash. P and N fertilizer caused higher albumin contents than did either K and N or P and K fertilizing. The fertilizer changed the relation between the total and albumin N, especially in the P and N plots. The alkaloid content was lowered in the plants from the fertilized plots. Plots receiving fertilizer contg. P produced plants with the highest P₂O₅ content. The CaO enrichment was observed in plants from the Ca, N, P and K plots and the K₂O content was higher in the plants from the plots receiving K and N, P and K and N, P and K than in those from the Ca, N, P and K plot. Sixty-five references.</p> <p style="text-align: right;">J. R. Adams</p>					
<p>ASR-5LA METALLURGICAL LITERATURE CLASSIFICATION</p>					
FROM SYNDICATE		FROM MAF ONLY		FROM COMNAV	
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Wojtysiak, A.

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11D

The absorption of nutritive elements by the lupines.
A. Wojtysiak, Polish Agr. Forest Ann. 39, 133-88
(in French, 188-00)(1037).—*L. angustifolius* var. *roseus*
subvar. *praecox pulavensis* (I), *L. angustifolius* var.
coeruleus (II), *L. luteus* (III) and *L. albus* (IV) were
studied. Samples of 100 plants were taken every 5-10
days during the period of vegetation. During the pre-
blossom and blossom stages III and IV showed, resp., the
greatest and least increase in abs. dry wt. In the pre-
blossom stage III showed the greatest uptake in N, P₂O₅,
K₂O and CaO, IV the least. In the blossom period III
took up more N, P₂O₅ and CaO than the other varieties;
IV assimilated more K₂O. Conversely in the last or
post-blossom stage IV showed greatest increase in all the
nutritive factors studied. The P₂O₅:N ratio for the plants
was as follows: in the pre-bloom period greatest for I and
narrow for II; in the bloom stage greatest for IV and in
the post-bloom period greatest for III and IV. As a conse-
quence of this study W. points out that rational use of
these plants as fodder or fertilizers depends on knowledge
of the nutritional stage of a given species. C.T.L.

A.S.A. METALLURGICAL LITERATURE CLASSIFICATION

WOLTYSIAK, M.

Fixation of phosphoric acid in certain soil types. Marja Woltysiak, Polish Agr. Forestal Ann. 27, 66-133 (in French 134-6) (1932). The adsorption is greater in soils than in field tests; it increases with time, particularly in loess. Increase of soil: water ratio to more than 1:5 does not affect the adsorptive power of the soil. With clay and chernozem, but not with loess and sandy soils, Freundlich's formula holds. The effect of temp. is marked only with loess. On acidification loess adsorbs less, and the other soils more (max. at pH 3-4), P_2O_5 . Ignition increases the adsorptive power of chernozem. Oxidation of the humus with H_2O_2 diminishes the adsorptive power of chernozem. There are 2 kinds of P_2O_5 adsorption: (a) slow, in soils rich in $CaCO_3$, and influenced by temp., (b) much more rapid, in Ca -free soils contg. Fe and colloids. Adsorption in (b) is phys. Partial extn. of the soil constituents by HCl leads (a) to a decrease, (b) to an increase, in adsorptive power. Ignition (a) increases, (b) diminishes, adsorption. B. C. A.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

Wojtyśiakowa, M. 15

CR

Influence of magnesium and sodium on the action of potash fertilizers. Josef Mikulowski-Pomorski and Marja Wojtyśiakowa. *Polish Agr. Forestal Ann.* 31, 110-16 (1984). -- Mg and Na salts applied simultaneously exerted a more beneficial effect on barley than either alone. H. C. A.

ASSOCIATE METALLURGICAL LITERATURE CLASSIFICATION

WOJTYSIAKOWA, M.

The influence of sodium, magnesium and calcium on the fertilizing action of potash. J. Mikubowski-Bonkowski and M. Wójtyśiakowa. *Polish Agr. Forest Ann.* 44, 87-102 (1970). The effect of Na, Mg and Ca on the growth of barley over a 2-yr. period with barley grown in sandy soil. Salts of Na, Mg and Ca were used in conjunction with different K salts in the fertilizer treatment. In conjunction with KCl or K_2SO_4 , the Na was favorable to high crop yields. Mg was inactive, Ca was detrimental to some extent and the simultaneous use of Na and Mg produced somewhat favorable results than those of the Na alone. Crude K_2O salts, in comparison with KCl, increased the yield from 2 to 28%. The addition of the salts of Na, Mg and Ca to the applications of crude salts did not increase the yields. The percentage yields of grain were greater from the pots receiving KCl with Na salts and those receiving crude K_2O salts. The increased effectiveness of the crude K_2O salts is attributed to the action of the Na. J. O. H.

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

WOJTYSKO, Jerzy, mgr

Development of the India lines of the Polish Ocean Lines. Tech
gosp morska 15 no.2:41-43 F '65.

1. Office of Operations of the Polish Ocean Lines, Gdynia.

WOKOUN, Vladimir, inz.; SUBERT, Jaroslav

Equipment for measuring klystron modulation characteristics.
Sbor vak elektrotech 4:65-75 '64.

1. Research Institute of Vacuum Electrical Engineering, Prague.

WOKOUNOVA, D., MUDr.

Cooperation of a regional hygienic-epidemiological station
with health communities. Cesk. zdrav. ll no. 3:130-134 '63.
(PUBLIC HEALTH)

WOKROJ, Alicja

POLAND

BIERNACKA, Teresa, agr; WOKROJ, Alicja, agr.

Department of Technical Physics, Institute of General Chemistry
(Zaklad Fizyki Technicznej Instytut Chemii Ogólnej), Warsaw -
(for both).

Warsaw, Chemia analityczna, No 6, November-December 1965, pp 1233-
1245.

"The application of infrared absorption in determination of methyl
and phenyl groups in siloxane resins."

WOKROJ, J.

"Hydrological elaborations of prognosis." p. 8. (Gazeta Obserwatora, Vol. 6, no. 1, January 1953, Warszawa.)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, February 1954, Uncl.

WOKROJ, J.

Professor Artur Born; an obituary. p. 3

GAZETA OBSERWATORA. P.I.H.M. (Instytut Hydrologiczno-Meteorologiczny)
Warszawa. Vol. 7, no. 13, 1957
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

WOKROJ, J.

WOKROJ, J.

Kazimierz Cislo; an obituary.

P. 3, (Gazeta Obserwatora) Vol. 10, no. 8, Aug. 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. VOL. 7, NO. 1, Jan. 1958

WOKROJ, J.

"Profile adaptation of a bridge." p 137
(Gopodarka Wodna, Vol 13 No 4 Apr 53 Warszawa)

SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Uncl

1ST AND 2ND CO-ORDINATES																										3RD AND 4TH CO-ORDINATES																									
WOLAGIEWICZ, M. S.													PROCESSES AND PROPERTIES INDEX																																						
<p>Mechanical Properties of Rolled Sections as a Function of the Location of the Test-Piece. G. Welter and M. S. Wolagiewicz. (Wiadomości Instytutu Metalurgii i Metaloznawstwa, 1937, vol. 4, Sept.-Dec., No. 3-4, pp. 126-138). (In Polish). The authors note that the mechanical properties of components made of structural steels will vary according to the part of the ingot from which they are rolled; similarly, it is pointed out, the mechanical properties cannot be judged equally from test-pieces cut from the flanges or web of a girder or in a direction parallel to or at right angles to the direction of rolling, in which process weakening of the material may be caused which will strongly influence the quality of the component. Investigations on rolled girders were undertaken to clarify the problems to which these considerations give rise; determinations were made of the tensile strength, elongation, reduction of area, impact strength, hardness, chemical composition, microstructure, macrostructure, non-metallic inclusions and the influence of the position of the slots or grooves in the rolled section. The results of the investigations show that at every stage in the processing of the ingot to form the finished girder unavoidable circumstances arise which may adversely affect the chemical composition, structure and mechanical properties of the component, particularly the impact strength. Due consideration must be given to these facts when interpreting the results of test-pieces cut from the component under examination.</p>																																																			
<p>AS4-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			
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WOLAK, Bronislaw, mgr inz.

Possibilities and examples of applying the group machining
method in pressure casting. Techn motor 14 no. 4:118-123
Ap '64.

1. Machining Institute, Krakow.

WOLAK, Bronislaw, mgr inz.

Reserves of labor productivity in the metal industry. Przegl
techn 85 no.28:1,3 12J1'64.

1. Machining Institute, Krakow.

SWIGON, Stanislaw, mgr.,inz.; WOLAK, Stanislaw, mgr.,inz.

Method of machining parts in groups and its advantages.
Mechanik 35 no.2:63-66 '62.

1. Instytut Obrobki Skrawaniem, Krakow

MAJEWSKI, Adam; WOLAN, Tadeusz

Conservative thoracoplasty with suture of the upper lobe.
Gruzlica 24 no.4:293-296 Apr 56.

1. Z Oddziału Ftyzjochirurgicznego Państwowego Sanatorium
Przeciwgruzliczego w Gornie, Ordynator: dr. med. A. Majewski.
Dyrektor: dr. med. S. Hibi, Państwowe Sanatorium Przeciwgruslicze
Gorno k/Rzeszowa.

(COLLAPSE THERAPY,
thoracoplasty, conservative, with suture of upper
lobe. (Pol))